



## State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WATER QUALITY

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JON S. CORZINE

*Governor*

LISA P. JACKSON

*Commissioner*

April 1, 2008

### **IMPORTANT NOTICE**

**SUBJECT:** Clarification of the July 12, 2007 Division of Water Quality Letter  
*Attachment 1 – Table 2 – Replacement Options for Petroleum  
Hydrocarbons*

Dear Permittee:

This clarification is issued by the New Jersey Department of Environmental Protection, Division of Water Quality (DWQ) to establish its wastewater and stormwater aqueous sample analysis requirements for Total Petroleum Hydrocarbons (TPHC) as applied under the New Jersey Pollutant Discharge Elimination System (NJPDES) regulations at N.J.A.C. 7:14A.

The DWQ has made a decision that the United States Environmental Protection Agency (USEPA) Method 1664A Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) shall be the approved replacement method for USEPA Method 418.1, *unless specified otherwise in your individual NJPDES permit*. Solid-phase extraction is an acceptable option in Method 1664A, if section 9.1.2 of the method is followed and documented.

This decision does not affect the use of USEPA Method 1664A N-Hexane Extractable Material (HEM; Oil and Grease) that continues to be the approved replacement method for USEPA Method 413.1.

The table below provides a summary of the replacement methods to be utilized for aqueous samples.

FOR ALL AQUEOUS SAMPLES		
Parameter	Eliminated Method	Replacement Method
Oil & Grease	413.1	Method 1664A N-Hexane Extractable Material (HEM; Oil and Grease)
TPHC	418.1	Method 1664A Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material)

Aqueous samples collected for the analysis of individual petroleum hydrocarbon compounds or fractions shall be analyzed in accordance with the gas chromatography methods in *Attachment 1 – Table 2 – Replacement Options for Petroleum Hydrocarbons* as specified in the DWQ Letter dated 12 July 2007. The above referenced letter can be found on the Department website at [www.state.nj.us/dep/dwq/pdf/MUR\\_Impact.pdf](http://www.state.nj.us/dep/dwq/pdf/MUR_Impact.pdf).

If you have any questions, please call the appropriate Bureau within DWQ.

Nonpoint Pollution Control	(609) 633-7021
Point Source Permitting – Region 1	(609) 633-3869
Point Source Permitting – Region 2	(609) 292-4860
Pretreatment and Residuals	(609) 633-3823

Thank you for your cooperation in this matter.

Sincerely,



Jeffrey Reading, Assistant Director  
Division of Water Quality